

**Docket Nos. 42310 & 42311**  
**Georgia Power Company's 2019 IRP and 2019 DSM Application**  
**STF-GDS Data Request Set Number 5**

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**STF-GDS-5-18**

**Question:**

Are there plans to place existing or future facilities underground, elevate them, or otherwise decrease damage to any system facility in the event of future natural disasters?

**Response:**

The Company has a strong focus on providing a highly reliable and resilient power delivery system to supply clean, safe, reliable, and affordable energy for customers. As described in Chapter 13 ("Emerging Resilience Needs") of the 2019 IRP Main Document, the Company is considering the need for future resilience enhancements, which may include targeted undergrounding or hardening of facilities, but has not identified specific projects at this time.

The Company has and continues to evaluate opportunities to mitigate identified risks with the potential to have a high impact on the transmission system. One of the Company's mitigation activities includes the Sea, Lake, and Overland Surges from Hurricanes (SLOSH) program to incorporate design features to mitigate the effects of storm surges. Through this program, the Company has elevated substation control houses in critical substations to the anticipated Category 3 storm surge elevation or 100-year flood plain elevation. Another example includes the addition of burn guards to transmission structures in areas identified as a high risk for fires.